1 1	The street of the control of the street of t	60 14
61 15	THE STILL OF THE S	120 34
121 35		180 54
181 55	AGACGTGGATGCCCCACAGCAGGAAGGAGGAGTGGCTTCCGCAGGATAGTTCGCCTGGTGGG  D V D A P Q Q G R S G F R R I V R L V G	240 74
241 75	GATCATCAGAGAATGGGCCAACAAGAATTTCCGAGAGGAAGCAACCTAGGCCTGACTCATT I I R E W A N K N F R E E P R P D S F	300 94
301 95		360 114
361 115		420 134
421 135	CCCAGCTGGGGATTTGTACTACTGCTGGCTATTTGTCATTGCCATGCCCGTCCTTTACAA PAGDLYYCWLFVIAMPVLYN	480 154
481 155		540 174
541 175	GTGGCTGGTGCTGGATTATGTCTCAGATGTGGTCTACATTGCGGACCTCTTCATCCGATT W L V L D Y V S D V V Y I A D L F I R L	600 194
601 195	GCGCACAGGTTTCCTGGAGCAGGGGCTGCTGGTCAAAGATACCAAGAAACTGCGAGACAA RTGFLEQGLLVKDTKKLRDN	660 214
661 215	CTACATCCACACCCTGCAGTTCAAGCTGGATGTGGCTTCCATCATCCCCACTGACCTGAT Y I H T L Q F K L D V A S I I P T D L I	720 234
721 235	CTATTTTGCTGTGGACATCCACAGCCCTGAGGTGCGCTTCAACCGCCTGCTGCACTTTGC Y F A V D I H S P E V R F N R L L H F A	780 254
781 255	CCGCATGTTTGAGTTCTTTGACCGGACAGAGACACCGCACCAACTACCCTAACATCTTCCG R M F E F F D R T E T R T N Y P N I F R	840 274
8 <b>4</b> 1 275	CATCAGCAACCTTGTCCTCTACATCTTGGTCATCATCCACTGGAATGCCTGCATCTATTA I S N L V L Y I L V I I H W N A C I Y Y	900 294
901 295	TGCCATCTCCAAATCCATAGGCTTTGGGGTCGACACCTGGGTTTACCCAAACATCACTGA A I S K S I G F G V D T W V Y P N I T D	960 314

#### FIG. 1 (Cont'd)

961 315	The second of th	1020 334
1021 335	The state of the s	1080 354
1081 355	The state of the s	1140 374
1141 375	The second of th	1200 394
1201 395	CTACATGCAGTTCCGAAAGGTCAGCAAGGGTCATTAGGTGGTTTGA Y M Q F R K V S K G M E A K V I R W F D	1260 414
1261 415	TITLE TO THE STATE OF THE POST	1320 434
1321 435	CAAGCTCAGGGCTGAGATAGCCACCAATGTCCACTTGTCCACACTCAAGAAAGTGCGCAT K L R A E I A T N V H L S T L K K V R I	1380 454
1381 455	CTTCCATGATTGTGAGGCTGGCCTGCTGGTAGAGCTGGTACTGAAACTCCGTCCTCAGGT F H D C E A G L L V E L V L K L R P Q V	1440 474
1441 475	CTTCAGTCCTGGGGATTACATTTGCCGCAAAGGGGACATCGGCAAGGAGATGTACATCAT F S P G D Y I C R K G D I G K E M Y I I	1500 494
1501 495	TAAGGAGGGCAAACTGGCAGTGGTGGCTGATGATGGTGTGACTCAGTATGCTCTGCTGTC K E G K L A V V A D D G V T Q Y A L L S	1560 514
1561 515	GGCTGGAAGCTGCTTTGGCGAGATCAGTATCCTTAACATTAAGGGCAGTAAAATGGGCAA A G S C F G E I S I L N I K G S K M G N	1620 534
1621 535	TCGACGCACAGCTAATATCCGCAGCCTGGGCTACTCAGATCTCTTCTGCTTGTCCAAGGA R R T A N I R S L G Y S D L F C L S K D	1680 554
1681 555	TGATCTTATGGAAGCTGTGACTGAGTACCCTGATGCCAAGAAAGTCCTAGAAGAGAGGGG D L M E A V T E Y P D A K K V L E E R G	1740 574
1741 575	TCGGGAGATCCTCATGAAGGAGGGACTGCTGGATGAGAACGAAGTGGCAACCAGCATGGAR EILMKEGLLDENEVATSME	1800 594
1801 595	GGTCGACGTGCAGGAGAAGCTAGGGCAGCTGGAGACCAACATGGAAACCTTGTACACTCG V D V Q E K L G Q L E T N M E T L Y T R	1860 614
1861 615	CTTTGGCCGCCTGCTGGCTGAGTACACGGGGGCCCAGCAGAAGCTCAAGCAGCGCATCAC F G R L L A E Y T G A Q Q K L K Q R I T	1920 634

# FIG. 1 (Cont'd)

1921	AGTTCT	rgga	AAC	CAA	.GAT	GAA	ACA	GAA	CAA	TGA	AGA	TGA	CTA	CCT	GTC	TGA	TGG	GAT	GAA	1980
635	V L	E	T	K	M	K	Q	N	N	E	D	D	Y	L	S	D	G	М	N	654
1981 655	CAGCCC S P	CTGA E	GCT L	'GGC A	TGC A	TGC A	TGA D	CGA E	GCC P	A <b>TA</b>	<b>a</b> ga	CCT	• GGG	GCC	CAA	CTG	CCT	СТС	CAG	2040 664
2041	CATTGG	GCCT	TGG	CCT	TGA	- TCC	CAG	AAG	CTA	.GAG	GAG	CTA'	· TTT.	AGA'	TCT	CCG	GAT	TTA	CAT	2100
2101	GCATTA	rccc	TCA	TGT	TCC	CTG.	AAT	TCT	ccc	AAA	AGT	CTC'	· FCT	GAC	CCT	GNG	TTT	TTG	GCC	2160
2161	TAAACA	TCC	AAG	ATT	CCG	CCT	CGG	AT	21	86										

MTEKTNGVKSSPANNHNHHAPPAIKANGKDDHRTSSRPHSAADDDTSSELQRLADVDAPQQGRSGFRRI
VRLVGIIREWANKNFREEEPRPDSFLERFRGPELQTVTTQEGDGKGDKDGEDKGTKKKFELFVLDPAGD
LYYCWLFVIAMPVLYNWCLLVARACFSDLQKGYYLVWLVLDYVSDVVYIADLFIRLRTGFLEQGLLVKD
TKKLRDNYIHTLQFKLDVASIIPTDLIYFAVDIHSPEVRFNRLLHFARMFEFFDRTETRTNYPNIFRIS
NLVLYILVIIHWNACIYYAISKSIGFGVDTWVYPNITDPEYGYLAREYIYCLYWSTLTLTTIGETPPPV
KDEEYLFVIFDFLIGVLIFATIVGNVGSMISNMNATRAEFQAKIDAVKHYMQFRKVSKGMEAKVIRWFD
YLWTNKKTVDEREILKNLPAKLRAEIATNVHLSTLKKVRIFHDCEAGLLVELVLKLRPQVFSPGDYICR
KGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSKMGNRRTANIRSLGYSDLFCLS
KDDLMEAVTEYPDAKKVLEERGREILMKEGLLDENEVATSMEVDVQEKLGQLETNMETLYTRFGRLLAE

MTEKTNGVKSSPANNHNHHAPPAIKANGKDDHRTSSRPHSAADDDTSSELQRLADVDAPQQGRSGFRRI
VRLVGIIREWANKNFREEEPRPDSFLERFRGPELQTVTTQEGDGKGDKDGEDKGTKKKFELFVLDPAGD
LYYCWLFVIAMPVLYNWCLLVARACFSDLQKGYYLVWLVLDYVSDVVYIADLFIRLRTGFLEQGLLVKD
TKKLRDNYIHTLQFKLDVASIIPTDLIYFAVDIHSPEVRFNRLLHFARMFEFFDRTETRTNYPNIFRIS
NLVLYILVIIHWNACIYYAISKSIGFGVDTWVYPNITDPEYGYLAREYIYCLYWSTLTLTTIGETPPPV
KDEEYLFVIFDFLIGVLIFATIVGNVGSMISNMNATRAEFQAKIDAVKHYMQFRKVSKGMEAKVIRWFD
YLWTNKKTVDEREILKNLPAKLRAEIATNVHLSTLKKVRIFHDCEAGLLVELVLKLRPQVFSPGDYICR
KGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSKMGNRRTANIRSLGYSDLFCLS
KDDLMEAVTEYPDAKKVLEERGREILMKEGLLDENEVATSMEVDVQEKLGQLETNMETLYTRFGRLLAE

110		
1 50	(1) (1) (1) (1) (1)	HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG
	(1) (1) (1) (1) (51)	HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG
RAS <mark>SRPQ-SAAA</mark> DDTSSELQQLAEMDAPQQ <mark>R</mark> RGGFRRIARLVGVIREWA RA <mark>G</mark> SRPQ <mark>SV</mark> AADDDTSSELQRLAEMDAPRRGRGGFRRIVRLVGIIRDWAI	(33) (33) (34) (34) (101)	HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG
NFREEEPRPDSFLERFRGPEL TVTTQQGDGKGDKDGEGKGTKKKFEL	(82) (82) (84) (84) (150)	HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG
250 VLDPAGDLYYCWLFVIAMPVLYNWCLLVARACFSDLOKGYYLVWLVLDY VLDPAGDWYYRWLFLIALPVLYNWCLLVARACFSDLOKGYYLVWLVLDY VLDPAGDWYYRWLFVIAMPVLYNWCLLVARACFSDLORNYFYVWLVLDY VLDPAGDWYYRWLFVIAMPVLYNWCLLVARACFSDLORNYFYVWLVLDY VLDPAGDWYYRWLFVIAMPVLYNWCLLVARACFSDLORGYFYVWLVLDY	(132) (132) (134) (134) (200)	HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG
300 SDVVYIADLFIRLRTGFLEQGLLVKDFKKLRDNYIHTLQFKLDVASIIP SDVVYIADLFIRLRTGFLEQGLLVKDFKKLRDNYIHTLQFKLDVASIIP SDFVYIADLFIRLRTGFLEQGLLVKDFKKLRDNYIHTLQFKLDVASIIP SDFVYIADLFIRLRTGFLEQGLLVKDPKKLRDNYIHTLQFKLDVASIIP SDVVYIADLFIRLRTGFLEQGLLVKDPKKLRDNYIHTLQFKLDVASIIP	(182) (182) (184) (184) (250)	HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG
DLIYFAVGIHNPEVRFNRLLHFARMFEFFDRTETRTSYPNIFRISNLLL DLIYFAVGIHSPEVRFNRLLHFARMFEFFDRTETRTSYPNIFRISNLVL DLIYFAVGIHSPEVRFNRLLHFARMFEFFDRTETRTSYPNIFRISNLVL	(232) (232) (234) (234) (300)	HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG
ILVIIHWNACIYYAISKSIGFGVDTWVYPNITDPEYGYLAREYIYCLYW: ILVIIHWNACIYYWISKSIGFGVDTWVYPNITDPEYGYLAREYIYCLYW:	(282) (282) (284) (284) (350)	HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG

### FIG. 4 (Continued)

HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG	(332) (332) (334) (334) (400)	401 TLTLTTIGETPPPVKDEEYLFVIFDFLIGVLIFATIVGNVGSMISNMNAT TLTLTTIGETPPPVKDEEYLFVIFDFLIGVLIFATIVGNVGSMISNMNAT TLTLTTIGETPPPVKDEEYLF <mark>E</mark> IFDFLIGVLIFATIVGNVGSMISNMNAT TLTLTTIGETPPPVKDEEYLFVIFDFLIGVLIFATIVGNVGSMISNMNAT TLTLTTIGETPPPVKDEEYLFVIFDFLIGVLIFATIVGNVGSMISNMNAT
HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG	(382) (382) (384) (384) (450)	500 RAEFQAKIDAVKHYMQFRKVSKCMEAKVIRWFDYLWTNKKTVDEREILKN RAEFQAKIDAVKHYMQFRKVSKOMEAKVIRWFDYLWTNKKSVDEREVLKN RAEFQAKIDAVKHYMQFRKVSKOMEAKVIKWFDYLWTNKKTVDEREVLKN RAEFQAKIDAVKHYMQFRKVSKOMEAKVIKWFDYLWTNKKTVDEREVLKN RAEFQAKIDAVKHYMQFRKVSKOMEAKVIKWFDYLWTNKKTVDEREVLKN RAEFQAKIDAVKHYMQFRKVSKOMEAKVIKWFDYLWTNKKTVDEREVLKN
HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG	(432) (432) (434) (434) (500)	LPAKLRAEIAINVHLSTLKKVRIFQDCEAGLLVELVLKLRPQVFSPGDYI
HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG	(482) (482) (484) (484) (550)	600 CRKGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSK CRKGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSK CRKGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSK CRKGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSK CRKGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSK
HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG	(532) (532) (534) (534) (600)	650 MGNRRTANIRSLGYSDLFCLSKDDLMEAVTEYPDAKKVLEERGREILMKE MGNRRTANIRSLGYSDLFCLSKDDLMEAVTEYPDAKKVLEERGREILMKE MGNRRTANIRSLGYSDLFCLSKDDLMEAVTEYPDAKKVLEERGREILMKE MGNRRTANIRSLGYSDLFCLSKDDLMEAVTEYPDAKKVLEERGREILMKE MGNRRTANIRSLGYSDLFCLSKDDLMEAVTEYPDAKKVLEERGREILMKE MGNRRTANIRSLGYSDLFCLSKDDLMEAVTEYPDAKKVLEERGREILMKE
HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG	(582) (582) (584) (584) (650)	700 GLLDENEVATSMEVDVQEKL <mark>G</mark> QLETNMETLYTRFCRLLAEYTGAQQKLKQ GLLDENEVAASMEVDVQEKLEQLETNMTLYTRFARLLAEYTGAQQKLKQ GLLDENEVAASMEVDVQEKLEQLETNMETLYTRFARLLAEYTGAQQKLKQ GLLDENEVAASMEVDVQEKLEQLETNMETLYTRFARLLAEYTGAQQKLKQ GLLDENEVAASMEVDVQEKLKQLETNMETLYTRFCRLLAEYTGAQQKLKQ
HBMYCNG CNG2_BOS CNG2_MOUSE CNG2_RAT rACNG	(632) (634) (634)	701  RITVLETKMKQNNEDDYLSDGMNSPELAAADEP RITVLETKMKQNNEDDSLSDGMNSPEPPAERP- RITVLETKMKQNHEDDYLSDGUNSPEPAMAE RITVLETKMKQNHEDDYLSDGENSPEPAAAE RITVLEVKMKQNTEDDYLSDGMNSPEPAAAEQP

1 1	1 M. M. D. L.	AA 60 N 14
61 15	5 N H N H H J D D D T T T T T T T T T T T T T T T T	AC 120
121 35	The state of the s	
181 55	The state of the s	
241 75	THE STITUTE OF THE ST	
301 95	ACCACACACACACACACACACACACACACACACACACA	
361 115	TO THE STATE OF THE PROPERTY O	
421 135	THE TOTAL PROPERTY OF	
481 155	The state of the s	
541 175	The state of the s	
601 195	A. JACARA A. L. C.	
661 215	The state of the s	F 720 234
721 235	CTATTTTGCTGTGGACATCCACAGCCCTGAGGTGCGCTTCAACCGCCTGCACTTTGC	780 254
781 255	THE CONTROL OF THE CO	
841 275	The state of the s	
901 295	THE TEST OF THE CONTROL OF THE CONTR	

### FIG. 5 (Cont'd)

961 315	CCCTGAGTATGGCTACCTGGCTAGGGAATACATCTATTGCCTTTACTGGTCCACACTGAC PEYGYLAREYIYCLYWSTLT	1020 334
1021 335	TCTCACTACCATTGGGGAGACACCACCCCTGTAAAGGATGAGGAGTACCTATTTGTCAT L T T I G E T P P P V K D E E Y L F V I	1080 354
1081 355	CTTTGACTTCCTGATTGGCGTCCTCATCTTTGCCACCATCGTGGGAAATGTGGGCTCCAT F D F L I G V L I F A T I V G N V G S M	1140 374
1141 375	GATCTCCAACATGAATGCCACCCGGGCAGAGTTCCAGGCTAAGATCGATGCCGTGAAACA I S N M N A T R A E F Q A K I D A V K H	1200 394
1201 395	CTACATGCAGTTCCGAAAGGTCAGCAAGGGGATGGAAGCCAAGGTCATTAGGTGGTTTGA Y M Q F R K V S K G M E A K V I R W F D	1260 414
1261 415	CTACTTGTGGACCAATAAGAAGACAGTGGATGAGCGAGAAATTCTCAAGAATCTGCCAGC Y L W T N K K T V D E R E I L K N L P A	1320 434
1321 435	CAAGCTCAGGGCTGAGATAGCCATCAATGTCCACTTGTCCACACTCAAGAAAGTGCGCAT K L R A E I A I N V H L S T L K K V R I	1380 454
1381 455		1440 474
1441 475	CTTCAGTCCTGGGGATTACATTTGCCGCAAAGGGGGACATCGGCAAGGAGATGTACATCAT F S P G D Y I C R K G D I G K E M Y I I	1500 494
1501 495	TAAGGAGGCAAACTGCAGTGGTGGCTGATGATGGTGTGACTCAGTATGCTCTGCTGTC K E G K L A V V A D D G V T Q Y A L L S	1560 514
1561 515	GGCTGGAAGCTGCTTTGGCGAGATCAGTATCCTTAACATTAAGGGCAGTAAAATGGGCAA A G S C F G E I S I L N I K G S K M G N	1620 534
1621 535	TCGACGCACAGCTAATATCCGCAGCCTGGGCTACTCAGATCTCTTCTGCTTGTCCAAGGAR R T A N I R S L G Y S D L F C L S K D	1680 554
1681 555	TGATCTTATGGAAGCTGTGACTGAGTACCCTGATGCCAAGAAAGTCCTAGAAGAGAGGGG D L M E A V T E Y P D A K K V L E E R G	1740 574
1741 575	TCGGGAGATCCTCATGAAGGAGGGACTGCTGGATGAGAACGAAGTGGCAACCAGCATGGA R E I L M K E G L L D E N E V A T S M E	1800 594
1801 595	GGTCGACGTGCAGGAGAGCTAGGGCAGCTGGAGACCTTGTACACTCG V D V Q E K L G Q L E T N M E T L Y T R	1860 614
1861 615		1920 634

### FIG. 5 (Cont'd)

	•	•					
1921	AGTTCTGGAAACCAAG	ATGAAACAGAA	CAATGAAG	ATGACTACCI	GTCTGATGG	GATGAA	1980
635	V L E T K	M K Q N	N E D	D Y L	S D G	M N	654
	•	•	•		•		
1981	CAGCCCTGAGCTGGCT	GCTGCTGACGA	AGCCATAAG	ACCTGGGGC	CAACTGCCT	CTCCAG	2040
655	S P E L A	A A D E	P				664
	•	•		•	•	•	
2041	CATTGGCCTTGGCCTT	GATCCCAGAAG	CTAGAGGA	GCTATTTAG <i>I</i>	ATCTCCGGAT	TTACAT	2100
		_		_	_	_	
2101	GCATTACCCTCATGTT	CCCTGAATTCI	CCCAAAAG	CCTCTCTGAG	CCTGGGTTT	TTGGCC	2160
2161	TAAACATCCAAGATTC	· CGCCTCGGATC	CCCG 2190	3			

MTEKTNGVKSSPANNHNHHAPPAIKANGKDDHRTSSRPHSAADDDTSSELQRLADVDAPQQGRSGFRRI VRLVGIIREWANKNFREEEPRPDSFLERFRGPELQTVTTQEGDGKGDKDGEDKGTKKKFELFVLDPAGD LYYCWLFVIAMPVLYNWCLLVARACFSDLQKGYYLVWLVLDYVSDVVYIADLFIRLRTGFLEQGLLVKD TKKLRDNYIHTLQFKLDVASIIPTDLIYFAVDIHSPEVRFNRLLHFARMFEFFDRTETRTNYPNIFRIS NLVLYILVIIHWNACIYYAISKSIGFGVDTWVYPNITDPEYGYLAREYIYCLYWSTLTLTTIGETPPPV KDEEYLFVIFDFLIGVLIFATIVGNVGSMISNMNATRAEFQAKIDAVKHYMQFRKVSKGMEAKVIRWFD YLWTNKKTVDEREILKNLPAKLRAEIAINVHLSTLKKVRIFHDCEAGLLVELVLKLRPQVFSPGDYICR KGDIGKEMYIIKEGKLAVVADDGVTQYALLSAGSCFGEISILNIKGSKMGNRRTANIRSLGYSDLFCLS KDDLMEAVTEYPDAKKVLEERGREILMKEGLLDENEVATSMEVDVQEKLGQLETNMETLYTRFGRLLAE YTGAQQKLKQRITVLETKMKQNNEDDYLSDGMNSPELAAADEP

1	MTEKTNGVKSSPANNHNHHAPPAIKANGKDDHRTSSRPHSAADDDTSSEL	50
1	MTEKTNGVKSSPANNHNHHAPPAIKANGKDDHRTSSRPHSAADDDTSSEL	50
51	QRLADVDAPQQGRSGFRRIVRLVGIIREWANKNFREEEPRPDSFLERFRG	100
51	QRLADVDAPQQGRSGFRRIVRLVGIIREWANKNFREEEPRPDSFLERFRG	100
101	PELQTVTTQEGDGKGDKDGEDKGTKKKFELFVLDPAGDLYYCWLFVIAMP	150
101	PELQTVTTQEGDGKGDKDGEDKGTKKKFELFVLDPAGDLYYCWLFVIAMP	150
151	VLYNWCLLVARACFSDLQKGYYLVWLVLDYVSDVVYIADLFIRLRTGFLE	200
151		200
201	QGLLVKDTKKLRDNYIHTLQFKLDVASIIPTDLIYFAVDIHSPEVRFNRL	250
201		250
251	LHFARMFEFFDRTETRTNYPNIFRISNLVLYILVIIHWNACIYYAISKSI	300
251	LHFARMFEFFDRTETRTNYPNIFRISNLVLYILVIIHWNACIYYAISKSI	300
301	GFGVDTWVYPNITDPEYGYLAREYIYCLYWSTLTLTTIGETPPPVKDEEY	350
301		350
351	LFVIFDFLIGVLIFATIVGNVGSMISNMNATRAEFQAKIDAVKHYMQFRK	400
351		400
401	VSKGMEAKVIRWFDYLWTNKKTVDEREILKNLPAKLRAEIAINVHLSTLK	450
401		450
451	KVRIFHDCEAGLLVELVLKLRPQVFSPGDYICRKGDIGKEMYIIKEGKLA	500
451		500
501	VVADDGVTQYALLSAGSCFGEISILNIKGSKMGNRRTANIRSLGYSDLFC	550
501		550
551	LSKDDLMEAVTEYPDAKKVLEERGREILMKEGLLDENEVATSMEVDVQEK	600
501	LGQLETNMETLYTRFGRLLAEYTGAQQKLKQRITVLETKMKQNNEDDYLS	650
501		650
551	DGMNSPELAAADEP* 665	
551		